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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 22 2003

In re the Application of:

TECHNOLOGY CENTER 2800

**Masaharu Iwai et al.**Serial No.: **09/868,907**Group Art Unit: **2832**Filed: **July 9, 2001**Examiner: **Lincoln Donovan**For: **MAGNET ROLLER**Attorney Docket: **010879****AMENDMENT**Commissioner for Patents  
Washington, D.C. 20231Date: **April 22, 2003**

Sir:

In response to the Office Action mailed on January 22, 2003, please amend the above-identified application as shown on the following pages.

Claims 1-3 were pending in this application. Claim 1 is amended and claims 2-3 are canceled. Claims 4-8 are newly added. Thus, claims 1, and 4-8 stand for consideration in this application. The new claims are patentable for the reasons set forth below. New claims 5-7 are supported in the specification at page 9, lines 20-25, and claim 8 in Fig. 3.

Independent claims 1 and 4 both recite that magnetic pole peaks are aligned with the joining faces; amended claim 1 recites setting the directions of orientation magnetization of said each magnet piece facing the each joining face at an acute angle,

*by converging the directions of orientation magnetization towards an outside of the magnet roller,*

(this is explained below) while new claim 4 recites in the analogous position

*by setting the sum of the angles of the orientation magnetization directions of said each magnet piece facing the respective joining faces at less than 90°.*

The amendments follow: